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COVER. Plant lectins, such as the one isolated from the red-flowered Erythrina corallodendron tree, agglutinate erythrocytes and serve as a paradigm for protein-carbohydrate interactions at cell surfaces. The unusual quaternary structure of the E. corallodendron lectin demonstrates the extreme effect of glycosylation on protein assembly. See page 862. [Photo of the E. corallodendron bloom by the Photographic Laboratory, Weizmann Institute; photo of the lectin model by W. Randolph, National Institutes of Health]

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